

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033694.D
 Acq On : 17 Jan 2024 00:56
 Operator : SY/MD
 Sample : P1131-19DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 03:32:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

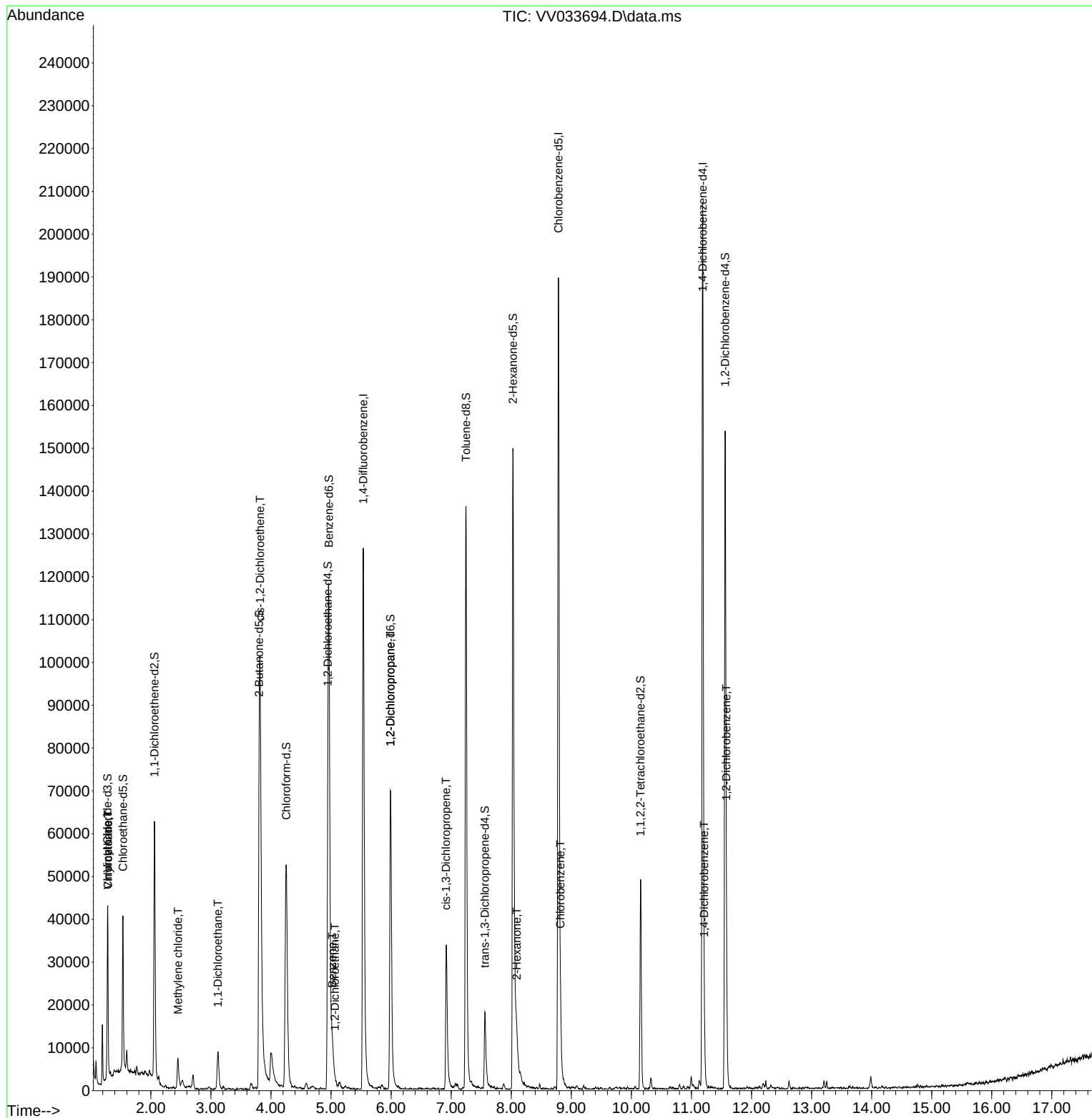
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109454	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	100052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20179	3.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.535	69	20952	3.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.060	65	10356	3.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.802	46	72019	49.214	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.420%
24) Chloroform-d	4.252	84	57563	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.947	65	28945	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.963	84	105888	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.989	67	34756	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.246	98	94053	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.561	79	11929	4.287	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.027	63	54956	50.304	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	23640	5.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	36768	4.619	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	3433	0.302	ug/L #	77
8) Chloroethane	1.285	64	1651	0.239	ug/L	83
16) Methylene chloride	2.452	84	2520	0.277	ug/L	90
19) 1,1-Dichloroethane	3.117	63	9951	0.575	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	37783	4.140	ug/L	99
27) 1,2-Dichloroethane	5.063	62	1554	0.172	ug/L #	76
33) Benzene	5.018	78	11348	0.319	ug/L	100
37) 1,2-Dichloropropane	5.989	63	4017	0.455	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	1162	0.092	ug/L #	78
48) 2-Hexanone	8.091	43	9370	3.154	ug/L #	92
51) Chlorobenzene	8.818	112	9260	0.402	ug/L	96
65) 1,4-Dichlorobenzene	11.214	146	3829	0.216	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	8268	0.524	ug/L	93

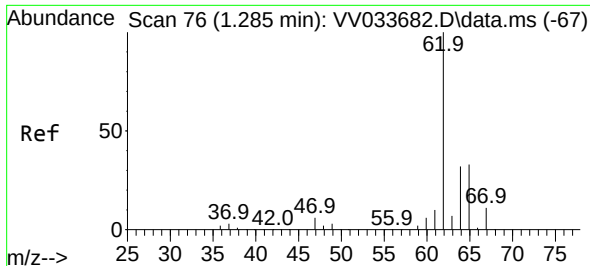
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 01:35:32 2024
Response via : Initial Calibration

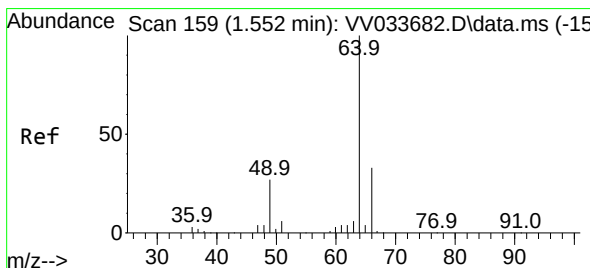
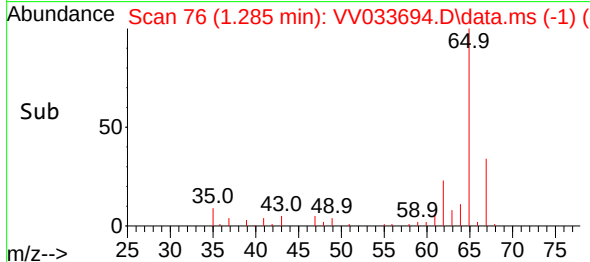
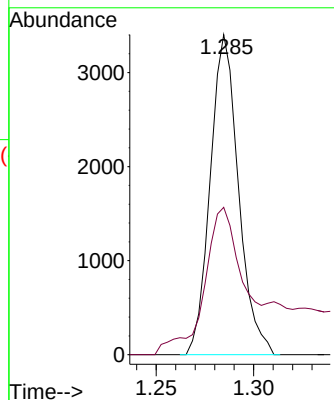
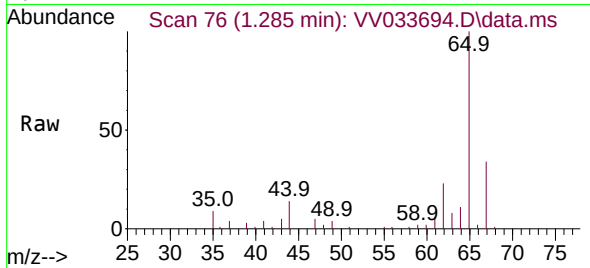




#5
 Vinyl chloride
 Concen: 0.302 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033694.D
 Acq: 17 Jan 2024 00:56

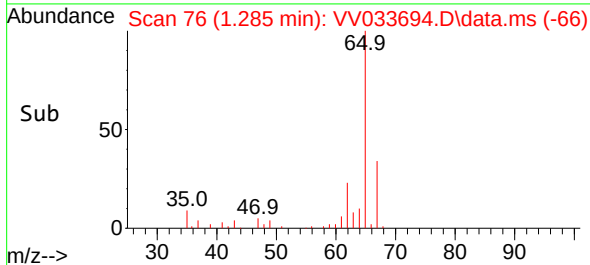
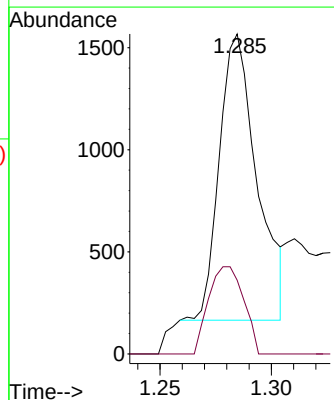
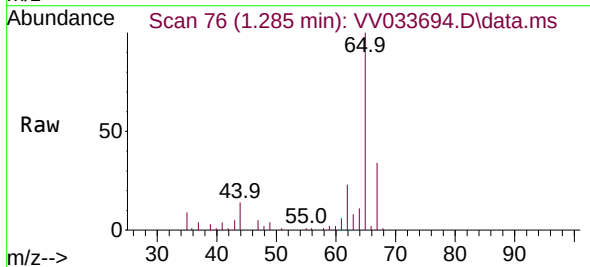
Instrument :
 MSVOA_V
 ClientSampleId :

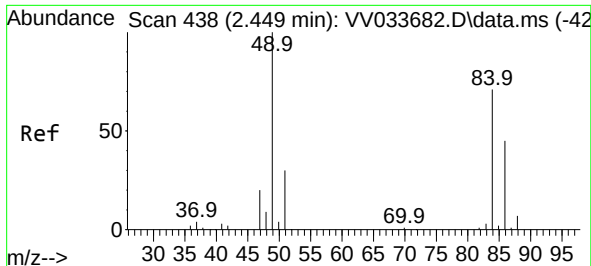
Tgt Ion: 62 Resp: 3433
 Ion Ratio Lower Upper
 62 100
 64 46.0 23.0 42.8#



#8
 Chloroethane
 Concen: 0.239 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.267 min
 Lab File: VV033694.D
 Acq: 17 Jan 2024 00:56

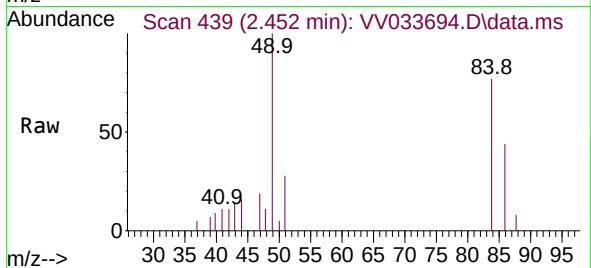
Tgt Ion: 64 Resp: 1651
 Ion Ratio Lower Upper
 64 100
 66 23.0 22.6 42.0





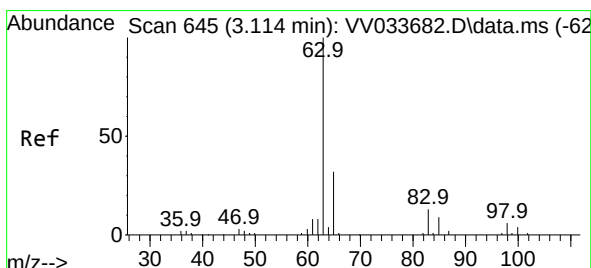
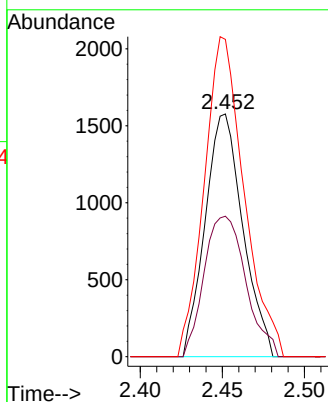
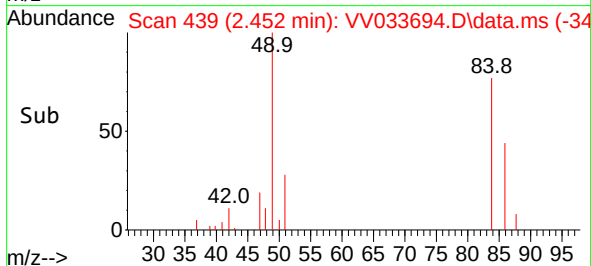
#16
Methylene chloride
Concen: 0.277 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV033694.D
Acq: 17 Jan 2024 00:56

Instrument :
MSVOA_V
ClientSampleId :

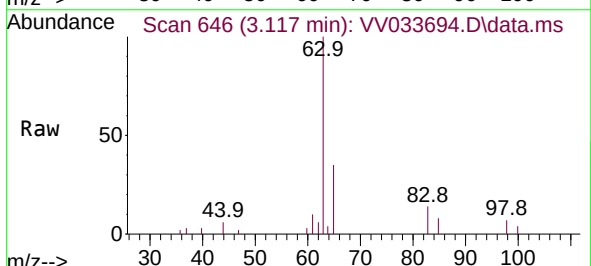


Tgt Ion: 84 Resp: 2520

Ion	Ratio	Lower	Upper
84	100		
86	57.9	45.5	84.5
49	130.7	100.3	186.3

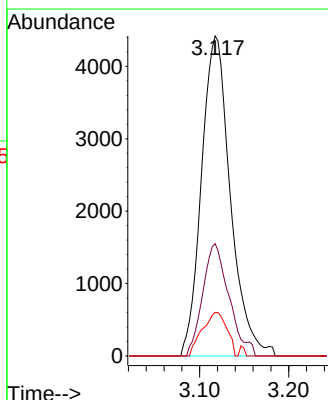
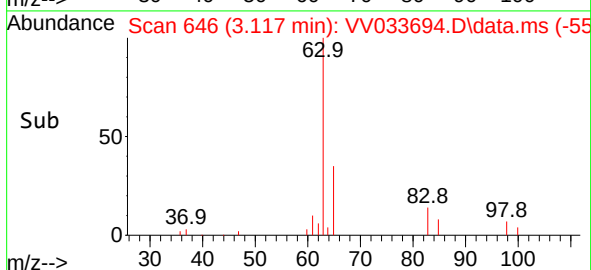


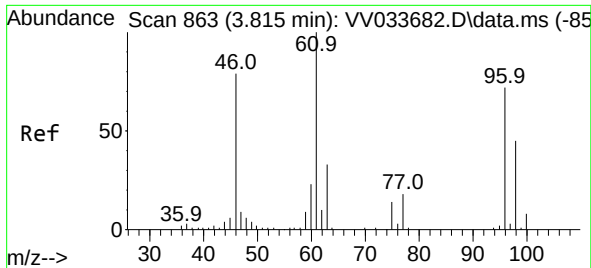
#19
1,1-Dichloroethane
Concen: 0.575 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV033694.D
Acq: 17 Jan 2024 00:56



Tgt Ion: 63 Resp: 9951

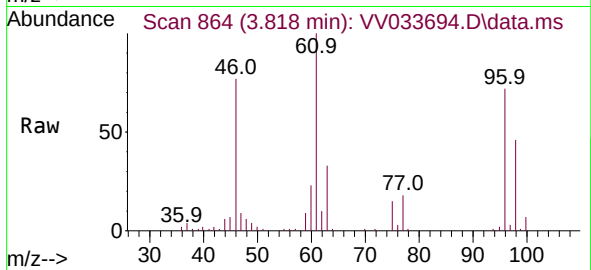
Ion	Ratio	Lower	Upper
63	100		
65	33.6	21.6	40.2
83	13.0	9.1	16.9



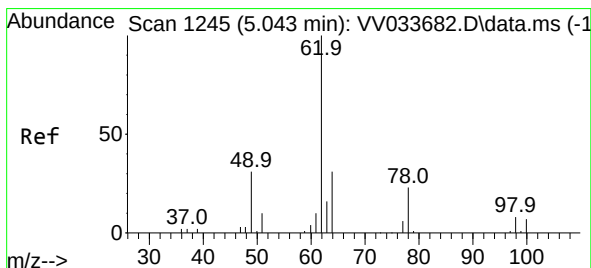
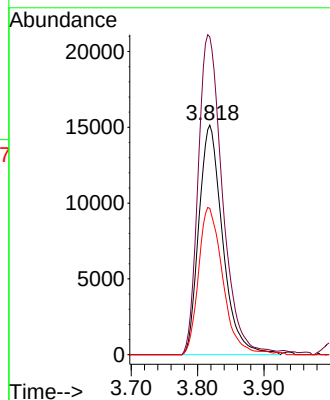
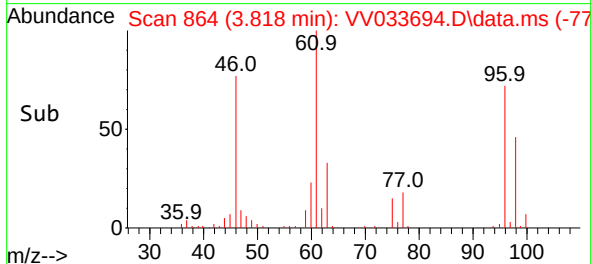


#22
 cis-1,2-Dichloroethene
 Concen: 4.140 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV033694.D
 Acq: 17 Jan 2024 00:56

Instrument :
 MSVOA_V
 ClientSampleId :

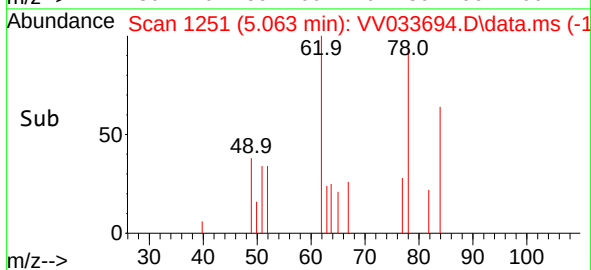
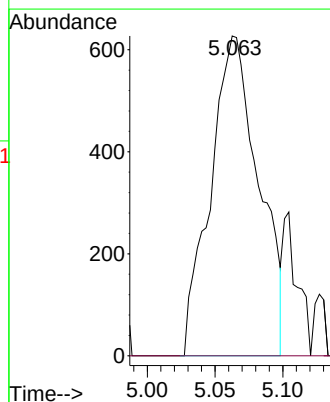
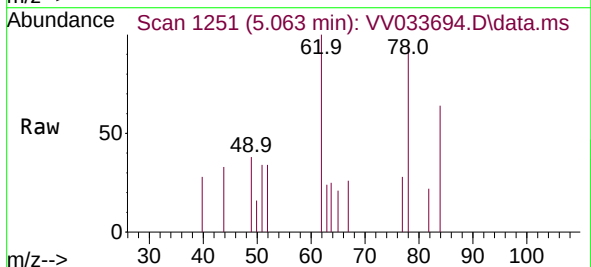


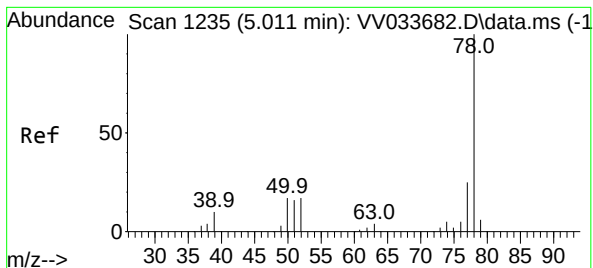
Tgt Ion: 96 Resp: 37783
 Ion Ratio Lower Upper
 96 100
 61 138.3 97.1 180.3
 98 63.7 42.6 79.0



#27
 1,2-Dichloroethane
 Concen: 0.172 ug/L
 RT: 5.063 min Scan# 1251
 Delta R.T. 0.019 min
 Lab File: VV033694.D
 Acq: 17 Jan 2024 00:56

Tgt Ion: 62 Resp: 1554
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.6#





#33

Benzene

Concen: 0.319 ug/L

RT: 5.018 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV033694.D

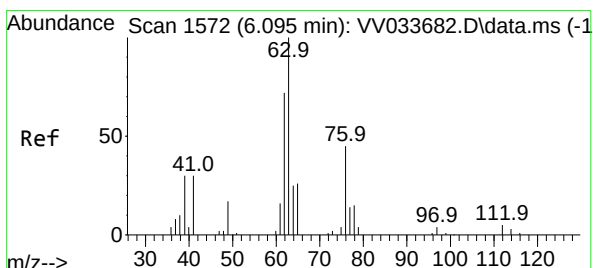
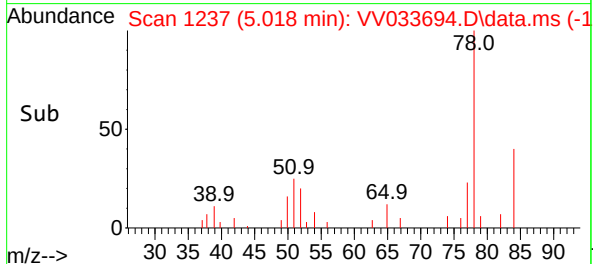
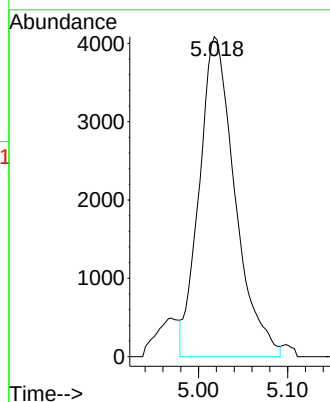
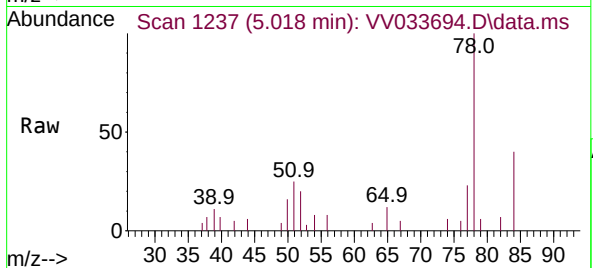
Acq: 17 Jan 2024 00:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 11348



#37

1,2-Dichloropropane

Concen: 0.455 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.106 min

Lab File: VV033694.D

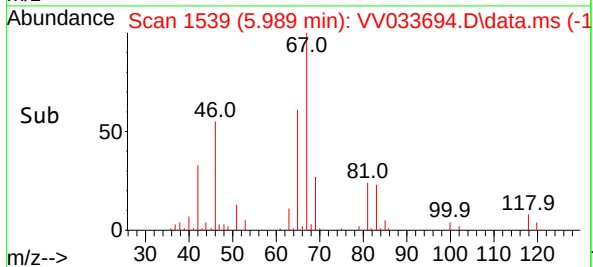
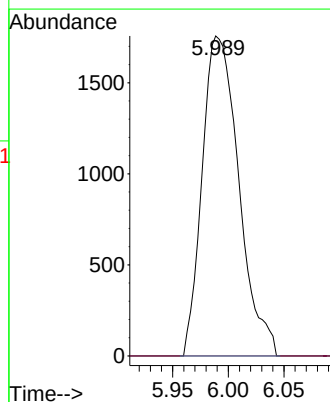
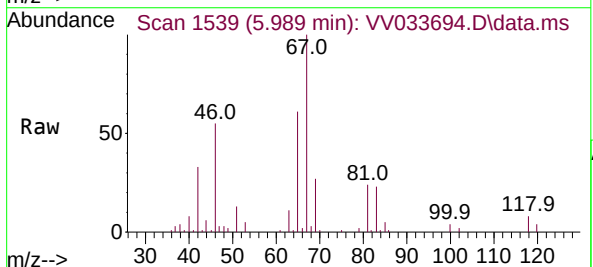
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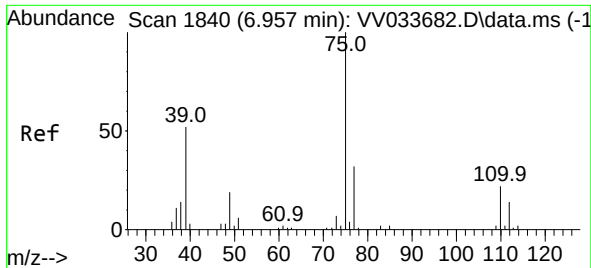
Tgt Ion: 63 Resp: 4017

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV033694.D

Acq: 17 Jan 2024 00:56

Instrument :

MSVOA_V

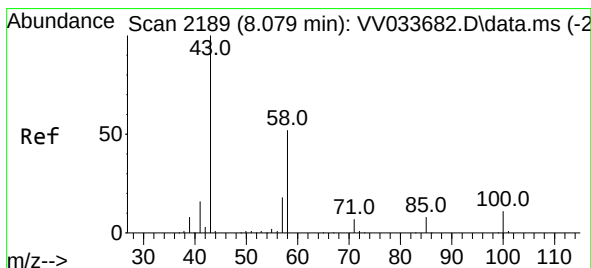
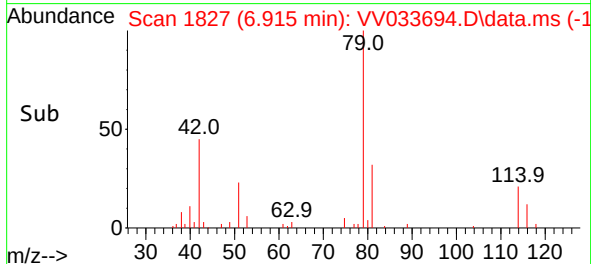
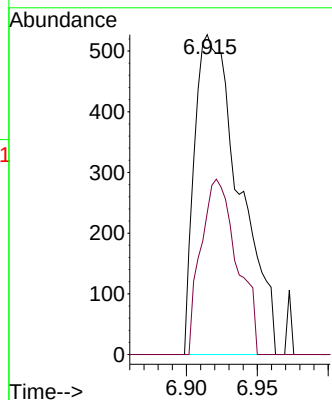
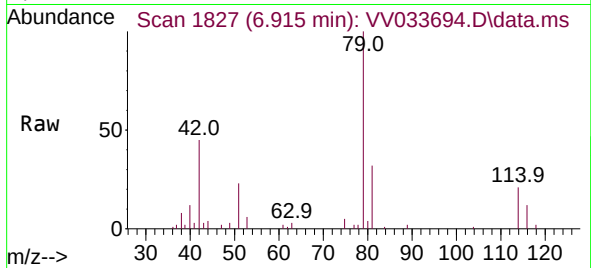
ClientSampleId :

Tgt Ion: 75 Resp: 1162

Ion Ratio Lower Upper

75 100

77 44.4 22.5 41.7#



#48

2-Hexanone

Concen: 3.154 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.013 min

Lab File: VV033694.D

Acq: 17 Jan 2024 00:56

Tgt Ion: 43 Resp: 9370

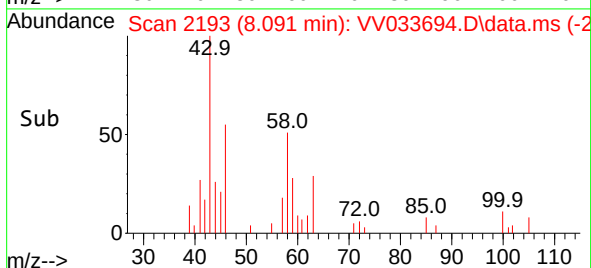
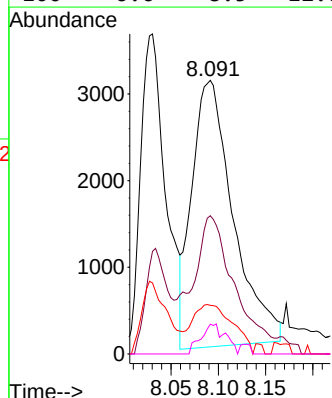
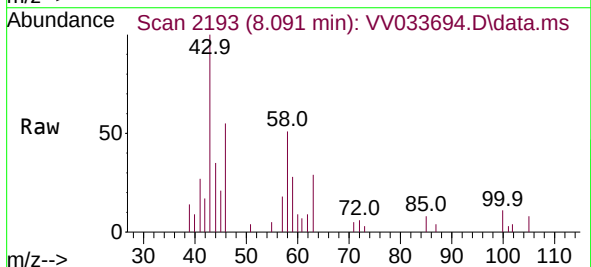
Ion Ratio Lower Upper

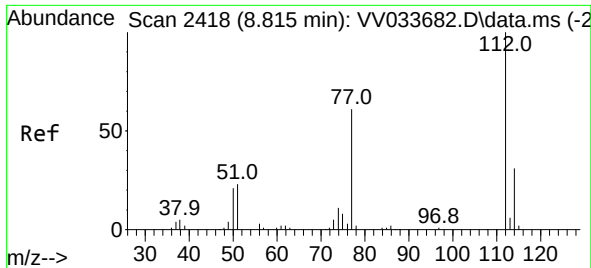
43 100

58 44.3 40.6 61.0

57 18.2 13.8 20.8

100 6.6 8.5 12.7#

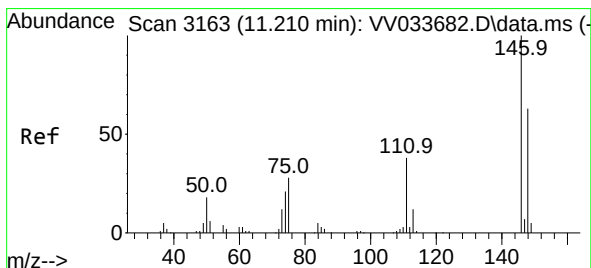
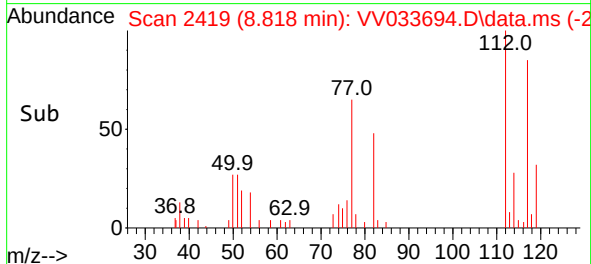
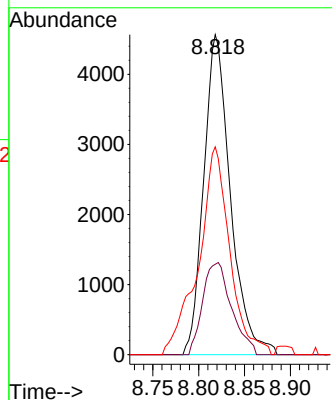
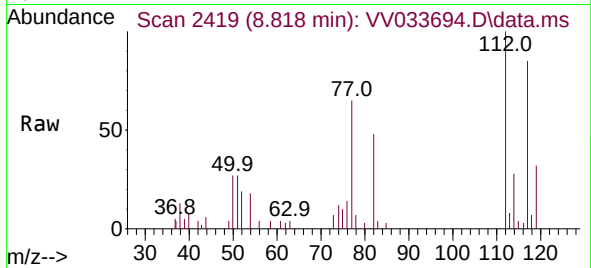




#51
Chlorobenzene
Concen: 0.402 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033694.D
Acq: 17 Jan 2024 00:56

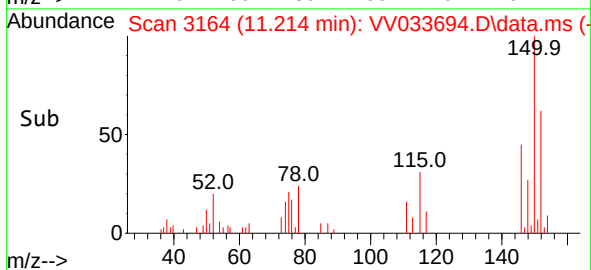
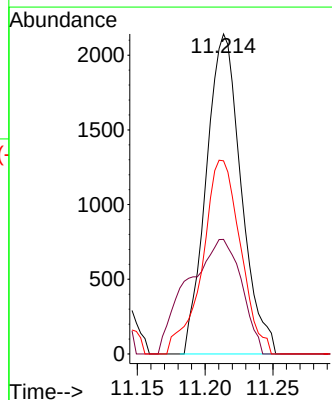
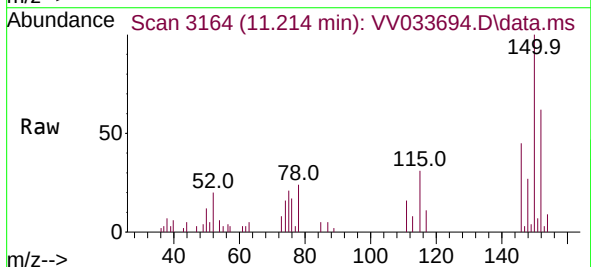
Instrument :
MSVOA_V
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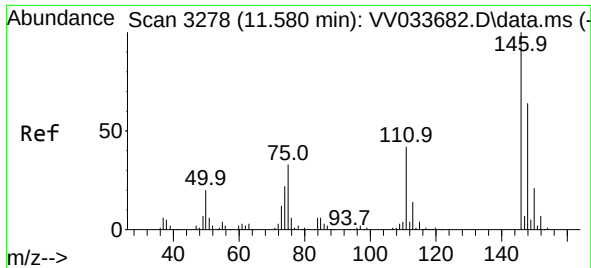
Tgt Ion:112 Resp: 9260
Ion Ratio Lower Upper
112 100
114 28.3 22.9 42.5
77 65.0 50.8 76.2



#65
1,4-Dichlorobenzene
Concen: 0.216 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV033694.D
Acq: 17 Jan 2024 00:56

Tgt Ion:146 Resp: 3829
Ion Ratio Lower Upper
146 100
111 35.8 27.5 51.1
148 60.4 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 0.524 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

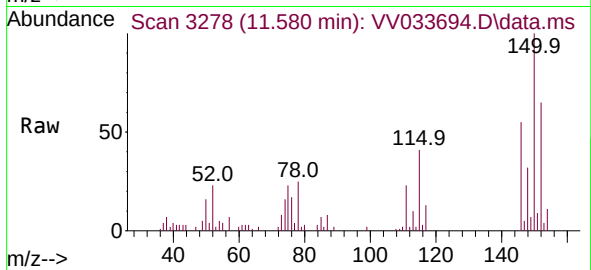
Lab File: VV033694.D

Acq: 17 Jan 2024 00:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 8268

Ion Ratio Lower Upper

146 100

111 41.1 36.1 54.1

148 58.5 52.2 78.2

